1/6 တ თ ∞ ∞ ∞ **6** xor 7 ထ 5xor6 ///5xor6 ဖ စ 4xor5/ 4x0r5 ERROR PULSE WIDTH: 1.5*T + 0.5*T 4 3x0r4 3xor4 4 4 REF PULSE WIDTH: 1.0*T 4 2xor3 DATA PERIOD:T 1.xor2 \sim PHASE DIFFERENCE
BETWEEN
CK AND DIN
±0.5*T 0xor.1 UXOL 0 0 FIG. 1 THE PRESENT INVENTION SIGNAL SPEED (IN TERMS OF FREQUENCY) <f/2 <f/2 <f/>//5 <f/>//5 £/5 £/5 £/2 £/3 f/3 **f/4 f/4** LOGICAL EXPRESSION /FETCHING EDGE (q3 xor q4)*CK2 (q3 xor q4)*CK1 q2 xor q3 q1 xor q4 1 CK2 1 CK2 ↑ CK1 ↑ | | | SS 쑹 SIGNAL NAME Error2 Ref2 Error1 Ref1 8 뎚 웅 42 43 94 д

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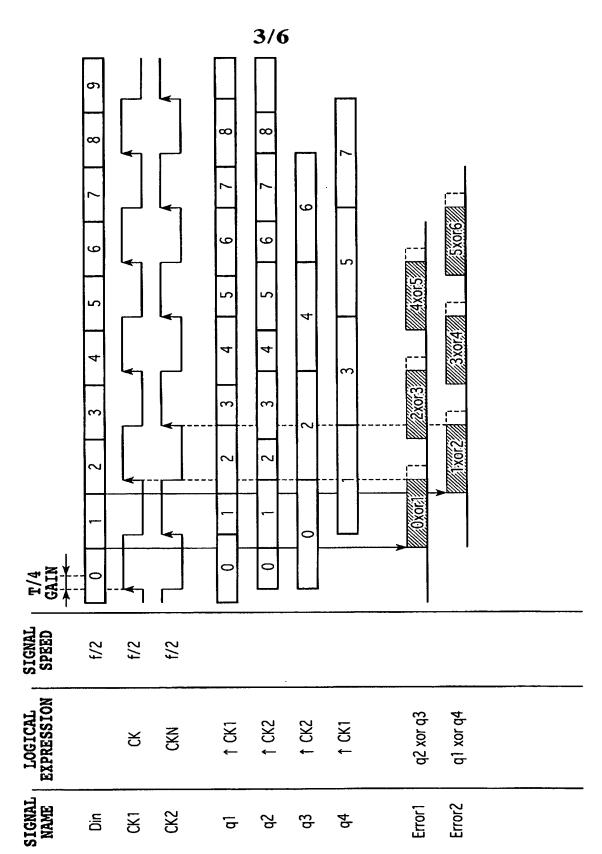
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FIG.2 HOLMQVIST AND SUMMERS

2/6											
	6			8	A	H	7		7xor8		
	8				7	9		Wexor7			
	7			9			2		5xor6		
	9				5	4		######################################			
	2			4			3		3xor4		
	4				3	2		W.Zxor3			
	3			2					J.XOF.Z		
	2					0		Oxoril			
				0			ļ			•	
	0					į					
SIGNAL	£/2	£/2	6/2								
LOGICAL		Š	CKN	→ CK	↓ CKN	→ CKN	→ CK	D2 xor D3	D1 xor D4		
SIGNAL	(Input Signal DP	/ Reference	<u>کو</u> ک ک	0-F/F (31 p1	D-F/F $\binom{32}{70303}$	D-F/F (33 702 D2	D-F/F (34 703 D4	EOR (35,	C) (36 EOR (36		.,.

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FIG.3 THE PRESENT INVENTION



D-F/F (31 p1 701 p1

D-F/F (32 703 D3

D-F/F (33 702 D2

D-F/F (34 703 D4

EOR $\binom{35}{705}$

EOR $\binom{36}{706}$

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9

4

FIG.4 HOLMOVIST AND SUMMERS

SIGNAL NAME

(Input Signal DP

(Reference Clock CK

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FIG.5 THE PRESENT INVENTION

(E)

					5/6			
	6		4	6	6		П	
	8			∞	8		_	
	7			171	7	9		
	9			9	9		2	<u> </u>
	2			15	5	4		4 XON 5 500
	4			4	4		3	3300
	3			<u></u>	- m	- -		
	2			- ~	2			<u>22</u> 30x:
	-		4	Ħ	- - 			→ Nooki
T/4 DELAY	-0				0	<u></u>		
SIGNAL	1/2	1/5	£/2					
LOGICAL		ž	CKN	1 CK1	1 CK2	† CK2	↑ CK1	q2 xor q3 q1 xor q4
SIGNAL	Ö	S S	CK2	- [b	d5	d3	d4	Error1 Error2

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FIG.6 HOLMOVIST AND SUMMERS

	3 4 5 6 7 8 9			2 3 4 5 6 7 8 9	6/6	2 3 4 5 6 7	2 3 4 5 6 7	2000/2XOF30001300014000150001500016000		
T/4 DELAY	0 1 5			0 1	0 1 2	0	0 1	Woxer, Will xor		
SIGNAL	£/2	u	4				·			
LOGICAL EXPRESSION		<u>`</u> *	CKN	↓ CK	↓ CKN	↓ CKN	→ CK	D2 xor D3	D1 xor D4	
SIGNAL	(Input Signal DP	/ Reference	3 55	D-F/F (31 D1	D-F/F (32 703 D3	D-F/F (33 702 D2	D-F/F (34 703 D4	EOR (35	EOR (36	